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★ SU 1762124-A1

Ink-jet recording device e.g. for computer graphical data - includes ink-jet heads with common additional chamber in form of open capillary gap

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The ink-jet recorder has two ink-jet writing heads connected to the output of the recording (write) amplifiers (4,5) whose inputs are connected to the outputs of a control unit. To improve the resolution of the recorder and the quality of writing, the ink-jet heads contain a common additional chamber designed as an open capillary gap abutting against the wall of the output nozzles and joined to the ink reservoir and having output orifices coaxial with the output nozzles of the heads.

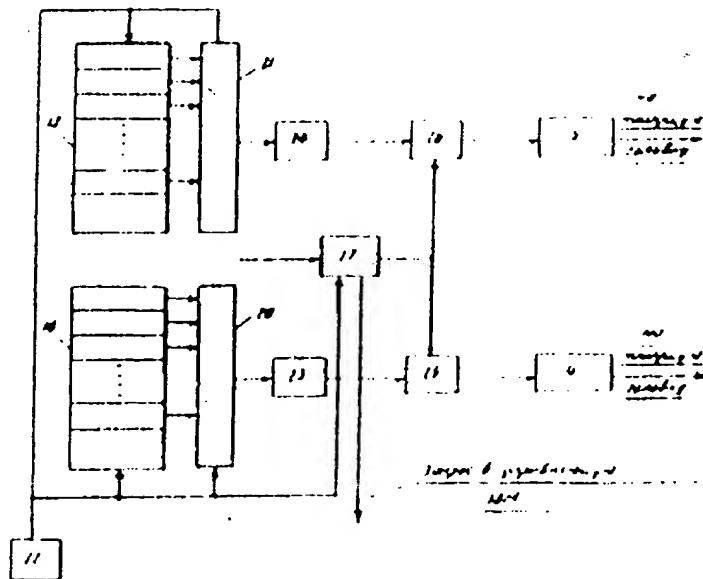
At each sync. pulse from the sync. pulse generator (22) the control memories (18,19) are sampled serially, and the codes of the pulse lengths for recording points on the carrier by the ink-jet heads are written into two registers (20,21).

USE - Contactless recording of image data from electronic computers on commercial grade paper by ink-jet method.

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